

11-09-06

COFC



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,099,646  
Issue Date: August 29, 2006  
Inventor(s): Xiaodong Jin et al.  
Application No: 10/764,580  
Filing Date: January 27, 2004  
Title: SIGNAL MIXER HAVING A SINGLE-ENDED INPUT AND A DIFFERENTIAL OUTPUT  
Attorney Docket: MP0330

Commissioner for Patents  
Certificate of Correction Branch  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

**Certificate**  
NOV 14 2006  
**of Correction**

Sir:

We have reviewed the above-referenced patent and have found two errors which appear to require a Certificate of Correction.

Enclosed herewith is an original and a copy of the Patent and Trademark Office Certificate of Correction form which we request be approved for the above-indicated patent.

PTO Form 2038 is enclosed authorizing the fee for correction. Please charge any underpayments or credit any over payment to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: November 8, 2006  
HARNES, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
(248) 641-1600

By: Michael D. Wiggins  
Michael D. Wiggins  
Reg. No. 34,754

11/13/2006 MBELETE1 00000044 7099646

01 FC:1811

100.00 OP

NOV 15 2006

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Patent Number

7,099,646

Issue Date

August 29, 2006

First Named Inventor

Xiaodong Jin et al.

Application Number

10/764,580

Filing Date

January 27, 2004

Attorney Docket Number

MP0330

**ENCLOSURES (check all that apply)**☐ Fee Transmittal Form☒ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure  
Statement☐ Certified Copy of Priority  
Document(s)☐ Reply to Missing Parts/  
Incomplete Application☐ Reply to Missing Parts  
under 37 CFR1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board  
of Appeals and Interferences☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)  
(please identify below):Request for Certificate of Correction;  
Certificate of Correction (in duplicate);  
Credit card authorization; and return  
receipt postcard.

Remarks

**Please charge any underpayment or credit any overpayment to Deposit Account  
No. 08-0750.****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

Harness, Dickey &amp; Pierce, P.L. C.

Signature

Printed Name

Michael D. Wiggins

Date

November 8, 2006

Reg. No.

34,754

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Mary Ann McGraw

Express Mail  
Label No.EV 757 778 304 US  
(11/8/2006)

Signature

Date

November 8, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

NOV 15 2006

EV 757 778 304 US

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,099,646

DATED : August 29, 2006

INVENTOR(S) : Xiaodong Jin et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 1, Line 55  
Column 11, Line 16

Delete "VRF" and insert --V<sub>RF</sub>--  
Insert --to-- after "According"

MAILING ADDRESS OF SENDER: Harness, Dickey & Pierce, P.L.C.  
5445 Corporate Drive, Suite 200  
Troy, MI 48098

PATENT NO. 7,099,646  
No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 15 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO : 7,099,646

DATED : August 29, 2006

INVENTOR(S) : Xiaodong Jin et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 1, Line 55  
Column 11, Line 16

Delete "VRF" and insert --V<sub>RF</sub>--  
Insert --to-- after "According"

MAILING ADDRESS OF SENDER: Harness, Dickey & Pierce, P.L.C.  
5445 Corporate Drive, Suite 200  
Troy, MI 48098

PATENT NO. 7,099,646  
No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 10 2006